AMENDMENTS TO THE CLAIMS

1. (Currently amended) A system for providing information regarding the operation of a control system, comprising:

a Web server module associated with said control system, said Web server module having a memory operative to store a non-markup language Web site database that may be used to dynamically generate a markup language Web page in response to a request, wherein said Web site page is populated by the Web server module with information regarding the operation of the control system in response to the request;

a remote computer operative to receive user-defined non-markup language configuration data defining attributes of said Web site, to store said configuration data as said non-markup language Web site database, to aid said Web server module to transmit said non-markup language Web site database to said Web server module, and to request and receive said markup language Web page from said Web server module; and

a Web server module configuration application operative to create said non-markup language Web site database and to transmit said database to said Web server module in response to the request.

2. (Previously presented) The system of Claim 1, wherein said Web server module is operative to receive a request for said Web page and to dynamically generate a markup language Web page from said non-markup language Web site database in response to said request.

3. (Previously presented) The system of Claim 2, wherein said Web server module is operative to transmit said dynamically generated markup language Web page to the remote computer making said request.

4. (Previously presented) The system of Claim 3, wherein said non-markup language Web site database further comprises a security profile map defining security level and privilege information for one or more users, and wherein said Web server module is further

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operative to identify a user associated with said request and to determine if said user is authorized to receive said Web page based upon an entry in said security profile map associated with said user.

5. (Previously presented) The system of Claim 2, wherein said non-markup language Web site database further comprises data defining a Web page comprising a table for reading or writing the contents of a memory register contained within said control system.

6. (Previously presented) The system of Claim 2, wherein said non-markup language Web site database further comprises data defining a Web page comprising a non-text rendering of read or write data corresponding to contents of a memory register contained within said control system.

7. (Original) The system of Claim 5, wherein said request comprises a request for said Web page comprising a table, and wherein said Web server module is operative to identify said memory register, to determine the contents of said memory register, and to create said Web page comprising a table containing said contents of said memory register.

8. (Original) The system of Claim 6, wherein said request comprises a request for said Web page comprising a non-text rendering, and wherein said Web server module is operative to identify said memory register, to determine the contents of said memory register, and to create said Web page comprising a non-text rendering based upon said contents of said memory register.

9. (Original) The system of Claim 3, wherein said Web server module is electrically connected to said control system controller through a backplane interface.

10. (Original) The system of Claim 3, wherein said Web server module is electrically connected to said control system controller through a serial interface.

11. (Original) The system of Claim 3, wherein said Web server module is electrically connected to said control system controller through a network interface.

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12. (Previously presented) The system of Claim 3, wherein said request comprises a hyper-text transport protocol request and wherein said request is received from a Web browser executing on said remote computer.

13. (Previously presented) The system of Claim 1, wherein said dynamically generated markup language Web page comprises a Web page identifying an alarm generated by said Web server module through the monitoring of data for said control system.

14. (Previously presented) The system of Claim 1, wherein said dynamically generated markup language Web page comprises a Web page identifying an event generated by said Web server module through the monitoring of data for said control system.

15. (Previously presented) The system of Claim 1, wherein said Web server module further comprises an Ethernet interface for receiving said non-markup language Web site database and said requests and wherein said dynamically generated markup language Web page may comprise a Web page providing information regarding the status of said Ethernet interface.

16. (Previously presented) The system of Claim 1, wherein said Web server module further comprises a serial port interface and wherein said dynamically generated markup language Web page may comprise a Web page providing information regarding said serial port interface.

17. (Previously presented) The system of Claim 1, wherein said dynamically generated markup language Web page comprises a Web page providing system administrator or specific user-allowed access that allows active browser session modification of said security profile privileges.

18. (Previously presented) The system of Claim 1, wherein said Web server module is further operative to receive a plurality of said requests and wherein said dynamically generated markup language Web page may comprise a Web page identifying a like plurality of users connected to said Web server module and associated with said plurality of requests.

19-26. (Canceled)

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27. (Currently amended) A method for providing information regarding the operation of a control system, comprising:

receiving user-defined non-markup language configuration data defining attributes of a Web site wherein the Web sit corresponds to aspects of a programmable logic controller defined by a user;

storing said configuration data as a non-markup language Web site database; and

in response to a request, dynamically generating a Web page defined by the non-markup language configuration data stored as a non-markup language Web site database that provides information regarding the operation of a control system.

28. (Previously presented) The method of Claim 27, further comprising transmitting said non-markup language Web site database to a Web server module associated with said control system, wherein said Web server module is operative to receive requests for said Web site and to generate markup language Web pages from said non-markup language Web site database in response to said requests.

29. (Original) The method of Claim 27, wherein said configuration data comprises data defining Web pages comprising a table or non-text rendering corresponding to the contents of read or write memory registers contained within said control system.

30. (Original) The method of Claim 29, wherein said data defining said table is created by receiving a mapping of a text tag to said memory register and by receiving a selection of said tags and a request that said tag be displayed in said table.

31. (Original) The method of Claim 29, wherein said data defining said non-text rendering is created by receiving a mapping of a tag to said memory register and a request that said tag be displayed via said non-text rendering.

32. (Canceled)

33. (Previously presented) The method of Claim 27, wherein said configuration data comprises an internet protocol address for said Web server module.

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34. (Original) The method of Claim 27, wherein receiving non-markup language configuration data defining a Web site comprises receiving the selection of one or more of a plurality of defined Web pages.

35. (Previously presented) The method of Claim 27, wherein said plurality of defined Web pages comprises a security page, an alarm Web page, an event Web page, an Ethernet Web page, a serial port Web page, a menu Web page, a data access Web page, a page identifying online users, or a systems administrator page.

36. (Previously presented) A computer-readable medium comprising instructions which, when executed by a computer, cause the computer to perform the method of any one of Claims 27-31 and 33-35.

37. (Previously presented) A computer-controlled apparatus capable of performing the method of any one of Claims 27-31 and 33-35.

38-49. (Canceled)

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